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I. US PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. & KIND CODE (if known) | PUBLICATION/ISSUE DATE mm/dd/yyyy | PATENTEE OR APPLICANT NAME | Pages, Columns, Lines Where Relevant Passages Or Relevant Drawings Appear |
|---------------------|---|--------------------------------------|-------------------------------|---|
| /R.F./ | 34,782 | 11/8/1994 | Dandliker et al. | |
| | 3,005,756 | 10/24/1961 | VanDemark, et al. | |
| | 3,738,759 | 6/12/1973 | Dittrich et al. | |
| | 3,756,459 | 9/4/1973 | Bannister | |
| | 3,761,187 | 9/25/1973 | Dittrich et al. | |
| | 3,788,744 | 1/29/1974 | Friedman et al. | |
| | 3,791,384 | 1/12/1974 | Richter et al. | |
| | 3,791,517 | 2/12/1974 | Friedman | |
| | 3,816,249 | 6/11/1974 | Bhattacharya | |
| | 3,906,929 | 9/23/1975 | Augsburger | |
| | 3,944,917 | 3/16/1976 | Hogg et al. | |
| | 4,006,360 | 2/1/1977 | Mueller | |
| | 4,056,324 | 11/1/1977 | Gohde | |
| | 4,058,732 | 11/15/1977 | Wieder | |
| | 4,110,604 | 8/29/1978 | Haynes et al. | |
| | 4,148,718 | 4/10/1979 | Fulwyler | |
| | 4,175,662 | 11/27/1979 | Zold | |
| | 4,189,236 | 2/19/1980 | Hogg et al. | |
| | 4,225,229 | 9/30/1980 | Gohde | |
| | 4,263,508 | 4/21/1981 | Leary et al. | |
| | 4,348,107 | 9/7/1982 | Leif | |
| | 4,367,043 | 1/4/1983 | Sweet et al. | |
| | 4,408,877 | 10/11/1983 | Lindmo et al. | |
| | 4,492,436 | 1/8/1985 | Bergmann | |
| | 4,545,677 | 10/8/1985 | Chupp | |
| | 4,573,796 | 3/4/1986 | Martin | |
| | 4,585,736 | 4/29/1986 | Dolbeare et al. | |
| | 4,609,286 | 9/2/1986 | Sage, Jr. | |
| | 4,629,687 | 12/16/1986 | Schindler et al. | |
| | 4,659,185 | 4/21/1987 | Aughton | |
| | 4,661,913 | 4/28/1987 | Wu et al. | |
| | 4,662,742 | 5/5/1987 | Chupp | |
| | 4,673,289 | 6/16/1987 | Gaucher | |
| | 4,704,891 | 11/10/1987 | Recktenwald et al. | |
| | 4,710,635 | 12/1/1987 | Chupp | |
| | 4,737,025 | 4/12/1988 | Steen | |
| | 4,752,131 | 6/21/1988 | Eisenlauer et al. | |

| | | | | |
|--|-----------|------------|----------------------|--|
| | 4,765,737 | 8/23/1988 | Harris et al. | |
| | 4,770,992 | 9/13/1988 | den Engh et al. | |
| | 4,778,593 | 10/18/1988 | Yamashita et al. | |
| | 4,780,406 | 10/25/1988 | Dolbeare et al. | |
| | 4,786,165 | 11/22/1988 | Yamamoto et al. | |
| | 4,796,788 | 1/10/1989 | Bond | |
| | 4,867,908 | 9/19/1989 | Recktenwald et al. | |
| | 4,871,249 | 10/3/1989 | Watson | |
| | 4,876,458 | 10/24/1989 | Takeda et al. | |
| | 4,887,721 | 12/19/1989 | Martin et al. | |
| | 4,915,501 | 4/10/1990 | Steen | |
| | 4,936,465 | 6/26/1990 | Zold | |
| | 4,954,715 | 9/4/1990 | Zold | |
| | 4,957,363 | 9/18/1990 | Takeda et al. | |
| | 4,989,977 | 2/5/1991 | North, Jr. | |
| | 5,017,497 | 5/21/1991 | De Grooth | |
| | 5,040,890 | 8/20/1991 | North, Jr. | |
| | 5,043,591 | 8/27/1991 | Ludlow et al. | |
| | 5,057,413 | 10/15/1991 | Terstappen et al. | |
| | 5,072,382 | 12/10/1991 | Kamentsky | |
| | 5,076,472 | 12/31/1991 | Gross et al. | |
| | 5,087,295 | 2/11/1992 | Gross et al. | |
| | 5,089,714 | 2/18/1992 | Ludlow et al. | |
| | 5,116,125 | 5/26/1992 | Rigler | |
| | 5,138,181 | 8/11/1992 | Lefevre et al. | |
| | 5,142,140 | 8/25/1992 | Yamazaki et al. | |
| | 5,142,462 | 8/25/1992 | Kashima | |
| | 5,158,889 | 10/27/1992 | Hirako et al. | |
| | 5,204,884 | 4/20/1993 | Leary et al. | |
| | 5,274,240 | 12/28/1993 | Mathies et al. | |
| | 5,275,787 | 1/4/1994 | Yuguchi et al. | |
| | 5,316,540 | 5/31/1994 | McMannis et al. | |
| | 5,317,162 | 5/31/1994 | Pinsky et al. | |
| | 5,395,588 | 3/7/1995 | North, Jr. et al. | |
| | 5,400,179 | 3/21/1995 | Ito | |
| | 5,444,527 | 8/22/1995 | Kosaka | |
| | 5,447,841 | 9/5/1995 | Grey et al. | |
| | 5,457,526 | 10/10/1995 | Kosaka | |
| | 5,464,581 | 11/7/1995 | Van den Engh | |
| | 5,469,375 | 11/21/1995 | Kosaka | |
| | 5,475,487 | 12/12/1995 | Mariella, Jr. et al. | |
| | 5,480,775 | 1/2/1996 | Ito et al. | |
| | 5,488,469 | 1/30/1996 | Yamamoto et al. | |
| | 5,492,534 | 2/20/1996 | Atheyde | |
| | 5,495,719 | 3/5/1996 | Gray, Jr. | |
| | 5,547,849 | 8/20/1996 | Baer et al. | |
| | 5,548,395 | 8/20/1996 | Kosaka | |
| | 5,548,661 | 8/20/1996 | Price et al. | |
| | 5,550,058 | 8/27/1996 | Corio et al. | |
| | 5,556,764 | 9/17/1996 | Sizto et al. | |
| | 5,559,032 | 9/24/1996 | Pomeroy et al. | |
| | 5,579,159 | 11/26/1996 | Ito | |

| | | | | |
|--|-----------|------------|----------------------|--|
| | 5,584,982 | 12/17/1996 | Dovichi et al. | |
| | 5,601,234 | 2/11/1997 | Larue | |
| | 5,608,519 | 3/4/1997 | Grouley et al. | |
| | 5,620,842 | 4/15/1997 | Davis et al. | |
| | 5,627,037 | 5/6/1997 | Ward et al. | |
| | 5,633,503 | 5/27/1997 | Kosaka | |
| | 5,643,796 | 7/1/1997 | den Engh et al. | |
| | 5,658,751 | 8/19/1997 | Yue et al. | |
| | 5,665,315 | 9/9/1997 | Robert et al. | |
| | 5,674,743 | 10/7/1997 | Ulmer | |
| | 5,682,038 | 10/28/1997 | Hoffman | |
| | 5,690,815 | 11/25/1997 | Krasnoff et al. | |
| | 5,696,157 | 12/9/1997 | Wang et al. | |
| | 5,701,012 | 12/23/1997 | Ho | |
| | 5,712,807 | 12/27/1998 | Bangham | |
| | 5,719,666 | 2/17/1998 | Fukuda et al. | |
| | 5,719,667 | 2/17/1998 | Miers | |
| | 5,726,009 | 3/10/1998 | Connors et al. | |
| | 5,726,751 | 3/10/1998 | Altendorf et al. | |
| | 5,730,941 | 3/24/1998 | Lefevre et al. | |
| | 5,736,330 | 4/7/1998 | Fulton | |
| | 5,736,330 | 4/7/1998 | Fulton | |
| | 5,739,902 | 4/14/1998 | Gjelsnes et al. | |
| | 5,745,308 | 4/28/1998 | Spangenberg | |
| | 5,747,349 | 5/10/1998 | den Engh et al. | |
| | 5,790,692 | 8/4/1998 | Price et al. | |
| | 5,798,276 | 8/25/1998 | Haugland et al. | |
| | 5,799,830 | 9/1/1988 | Carroll et al. | |
| | 5,831,723 | 11/3/1998 | Kubota et al. | |
| | 5,840,504 | 11/24/1998 | Blecher | |
| | 5,844,685 | 12/1/1998 | Gontin | |
| | 5,846,737 | 12/8/1998 | Kang | |
| | 5,866,344 | 2/2/1999 | Georgiou | |
| | 5,872,627 | 2/16/1999 | Miers | |
| | 5,874,266 | 2/23/1999 | Paisson | |
| | 5,880,474 | 3/9/1999 | Norton et al. | |
| | 5,883,378 | 3/16/1999 | Irish et al. | |
| | 5,893,843 | 4/13/1999 | Rodrigues Claro | |
| | 5,909,278 | 6/1/1999 | Deka et al. | |
| | 5,917,733 | 6/29/1999 | Bangham | |
| | 5,919,360 | 7/6/1999 | Contaxis, III et al. | |
| | 5,934,885 | 8/10/1999 | Farrell et al. | |
| | 5,962,238 | 10/5/1999 | Sizto et al. | |
| | 5,972,710 | 10/26/1999 | Weigl et al. | |
| | 5,973,842 | 10/26/1999 | Spangenberg | |
| | 5,990,479 | 11/23/1999 | Weiss et al. | |
| | 5,991,028 | 11/23/1999 | Cabib et al. | |
| | 5,998,140 | 12/7/1999 | Dervan et al. | |
| | 5,998,212 | 12/7/1999 | Corio et al. | |
| | 6,003,678 | 12/21/1999 | Van den Engh | |
| | 6,042,249 | 3/28/2000 | Spangenberg | |
| | 6,071,689 | 6/6/2000 | Seidel et al. | |

| | | | | |
|--|--------------|------------|--------------------|--|
| | 6,079,836 | 6/27/2000 | Burr et al. | |
| | 6,086,574 | 7/11/2000 | Carroll et al. | |
| | 6,090,947 | 7/18/2000 | Dervan et al. | |
| | 6,097,485 | 8/1/2000 | Lievan | |
| | 6,111,398 | 8/29/2000 | Graham | |
| | 6,120,735 | 9/19/2000 | Zborowski et al. | |
| | 6,128,133 | 10/3/2000 | Bergmann | |
| | 6,130,034 | 10/10/2000 | Aitken | |
| | 6,132,961 | 10/17/2000 | Gray et al. | |
| | 6,133,995 | 10/17/2000 | Kubota | |
| | 6,139,800 | 10/31/2000 | Chandler | |
| | 6,143,535 | 11/7/2000 | Paisson | |
| | 6,143,901 | 11/7/2000 | Dervan | |
| | 6,146,837 | 11/14/2000 | van de Winkel | |
| | 6,309,815 | 10/30/2001 | Tash et al. | |
| | 6,316,234 | 11/13/2001 | Bova | |
| | 6,328,071 | 12-11-2001 | Austin | |
| | 6,368,786 | 4/8/2002 | Saint-Ramon et al. | |
| | 6,495,366 | 12/17/2002 | Briggs | |
| | 6,698,627 | 3/2/2004 | Garcia et al. | |
| | 6,729,369 | 4/4/2004 | Neas et al. | |
| | 6,752,298 | 6/22/2004 | Garcia et al. | |
| | 6,761,286 | 7/13/2004 | Py et al. | |
| | 6,761,288 | 7/13/2004 | Garcia | |
| | 6,767,706 | 7/27/2004 | Quake | |
| | 6,789,706 | 9/14/2004 | Abergel et al. | |
| | 6,789,759 | 9/14/2004 | Heldt | |
| | 6,793,387 | 9/21/2004 | Neas et al. | |
| | 7,015,310 | 3/1/2006 | Remington et al. | |
| | 7,105,355 | 9/12/2006 | Kurabayashi et al. | |
| | 6,193,647 B1 | 2/27/2001 | Beebe et al. | |
| | 6,201,628 B1 | 3/13/2001 | Basiji et al. | |
| | 6,207,392 B1 | 3/27/2001 | Weiss et al. | |
| | 6,208,411 B1 | 3/27/2001 | Vaez-Iravani | |
| | 6,211,477 B1 | 4/3/2001 | Cardott et al. | |
| | 6,214,560 B1 | 4/10/2001 | Yguerabide et al. | |
| | 6,221,654 B1 | 4/24/2001 | Quake et al. | |
| | 6,221,671 B1 | 4/24/2001 | Groner et al. | |
| | 6,247,323 B1 | 6/19/2001 | Maeda | |
| | 6,256,096 B1 | 7/3/2001 | Johnson | |
| | 6,256,096 B1 | 7/3/2001 | Johnson et al. | |
| | 6,296,810 B1 | 10/2/2001 | Ulmer | |
| | 6,317,511 B1 | 11/3/2001 | Horiuchi | |
| | 6,322,901 B1 | 11/27/2001 | Bawendi et al. | |
| | 6,323,632 B1 | 11/27/2001 | Husher et al. | |
| | 6,326,144 B1 | 12/4/2001 | Bawendi et al. | |
| | 6,329,158 B1 | 12/11/2001 | Hoffman et al. | |
| | 6,332,540 B1 | 12/25/2001 | Paul et al. | |
| | 6,372,506 B1 | 4/16/2002 | Norton | |
| | 6,384,951 B1 | 5/7/2002 | Basiji et al. | |
| | 6,400,453 B1 | 6/4/2002 | Hansen | |
| | 6,411,904 B1 | 5/25/2002 | Chandler | |

| | | | | |
|--|-----------------|------------|------------------|--|
| | 6,416,190 B1 | 7/9/2002 | Grier et al. | |
| | 6,423,505 B1 | 7/23/2002 | Davis | |
| | 6,423,551 B1 | 7/23/2002 | Weiss et al. | |
| | 6,432,630 B1 | 8/13/2002 | Blankenstein | |
| | 6,432,638 B2 | 8/13/2002 | Dervan et al. | |
| | 6,452,372 B1 | 9/17/2002 | Husher et al. | |
| | 6,454,945 B1 | 9/24/2002 | Weigl et al. | |
| | 6,456,055 B2 | 9/24/2002 | Shinabe et al. | |
| | 6,465,169 B2 | 10/15/2002 | Walderich et al. | |
| | 6,473,176 B2 | 10/29/2002 | Basiji et al. | |
| | 6,482,652 B2 | 11/19/2002 | Furlong et al. | |
| | 6,495,333 B1 | 12/17/2002 | Willmann et al. | |
| | 6,503,698 B1 | 1/7/2003 | Dobrinsky et al. | |
| | 6,511,853 B1 | 1/28/2003 | Kopf-Sill et al. | |
| | 6,514,722 B2 | 2/4/2003 | Paisson et al. | |
| | 6,540,895 B1 | 4/1/2003 | Spence et al. | |
| | 6,563,583 B2 | 5/13/2003 | Ortyn et al. | |
| | 6,576,291 B2 | 6/10/2003 | Bawendi et al. | |
| | 6,580,504 B1 | 6/17/2003 | Ortyn et al. | |
| | 6,587,203 B2 | 7/1/2003 | Colon | |
| | 6,589,792 B1 | 7/8/2003 | Malachowski | |
| | 6,596,143 B1 | 7/22/2003 | Wang et al. | |
| | 6,596,499 B2 | 7/22/2003 | Jalink | |
| | 6,613,525 B2 | 9/2/2003 | Nelson et al. | |
| | 6,618,143 B2 | 9/9/2003 | Roche et al. | |
| | 6,641,708 B1 | 11/4/2003 | Becker et al. | |
| | 6,658,357 B2 | 12/2/2003 | Chandler | |
| | 6,664,550 B2 | 12/16/2003 | Rader et al. | |
| | 6,674,525 B2 | 1/6/2004 | Bardell et al. | |
| | 6,700,130 B2 | 3/2/2004 | Fritz | |
| | 6,703,621 B2 | 3/9/2004 | Wolleschensky | |
| | 6,706,163 B2 | 3/16/2004 | Seul et al. | |
| | 6,707,555 B1 | 3/16/2004 | Kusuzawa et al. | |
| | 6,713,019 B2 | 3/30/2004 | Ozasa et al. | |
| | 6,746,873 B1 | 6/8/2004 | Buchanan et al. | |
| | 6,753,161 B2 | 6/22/2004 | Koller et al. | |
| | 6,780,377 B2 | 8/24/2004 | Hall et al. | |
| | 6,813,017 B1 | 11/2/2004 | Hoffman et al. | |
| | 6,849,394 B2 | 2/1/2005 | Rozenboom et al. | |
| | 6,849,423 B2 | 2/1/2005 | Mutz et al. | |
| | 6,861,265 B1 | 3/1/2005 | Van den Engh | |
| | 6,941,005 B2 | 9/6/2005 | Lary et al. | |
| | 7195920 B2 | 3/27/2007 | Seidel et al. | |
| | 7208265 B1 | 4/24/2007 | Schenk | |
| | 7221453 B2 | 5/22/2007 | Sharpe et al. | |
| | 20040107150 | 06/03/2000 | Neas et al. | |
| | 2001/0006416 A1 | 7/5/2001 | Johnson | |
| | 2002/0047697 A1 | 4/25/2002 | Husher et al. | |
| | 2002/0058332 A1 | 5/16/2002 | Quake et al. | |
| | 2002/0064809 A1 | 5/30/2002 | Mutz et al. | |
| | 2002/0115055 A1 | 8/22/2002 | Matta | |
| | 2002/0171827 A1 | 11/21/2002 | Van den Engh | |

| | | | | |
|--|-----------------|------------|---------------------|--|
| | 2002/0182590 A1 | 12/2/2002 | Strange et al. | |
| | 2002/0186874 A1 | 12/12/2002 | Price et al. | |
| | 2002/0198928 A1 | 12/26/2002 | Bukshpan et al. | |
| | 2002-0131957 A1 | 9/19/2002 | Gavin | |
| | 2003/0048433 A1 | 3/13/2003 | Desjonqueres | |
| | 2003/0059764 A1 | 3/27/2003 | Ravkin et al. | |
| | 2003/0059945 A1 | 3/27/2003 | Dzekunov et al. | |
| | 2003/0078703 | 4/24/2003 | Potts | |
| | 2003/0096405 A1 | 5/22/2003 | Takayama et al. | |
| | 2003/0113765 A1 | 6/19/2003 | Dempcy et al. | |
| | 2003/0119050 A1 | 6/26/2003 | Shai | |
| | 2003/0119206 A1 | 6/26/2003 | Shai | |
| | 2003/0165812 A1 | 9/4/2003 | Takayama et al. | |
| | 2003/0175917 A1 | 9/18/2003 | Cumming | |
| | 2003/0175980 A1 | 9/18/2003 | Hayenga et al. | |
| | 2003/0190681 A1 | 10/9/2003 | Shai | |
| | 2004/0034879 A1 | 2/19/2004 | Rothstein et al. | |
| | 2004/0034879 A1 | 2/19/2004 | Rothstein et al. | |
| | 2004/0061070 A1 | 4/1/2004 | Hansen | |
| | 2004/0061070 A1 | 4/1/2004 | Hansen | |
| | 2004/0061853 A1 | 4/1/2004 | Blasenheim | |
| | 20050011582 A1 | 1/20/2005 | Haug | |
| | 20060118167 A1 | 6/8/2006 | Neas et al. | |
| | 20060147894 A1 | 7/6/2006 | Sowter, David Brian | |
| | 20060263829 A1 | 11/15/2006 | Evans et al. | |
| | 2007/0017086 | 5/1/2007 | Evans et al. | |
| | 20070042342 A1 | 2/22/2007 | Seidel et al. | |
| | 20070092860 A1 | 4/26/2007 | Schenk | |
| | 20070099171A1 | 5/3/2007 | Schenk | |
| | 20070099260A1 | 5/3/2007 | Seidel et al. | |

II. FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Foreign Patent Document Country Code, Number, Kind Code (if known) | PUB'N DATE mm- dd-yyyy | PATENTEE OR APPLICANT NAME | TRANSLATION | |
|---------------------|--|---------------------------|---|-------------|----|
| | | | | Yes | No |
| | WO 2007016090 A2 | 2/8/2007 | XY, Inc. | | |
| | EP 0140616 | 5/8/1985 | Technicon Instruments Corp. | | |
| | WO 199105236 | 4/18/1991 | Aerometrics, Inc. | | |
| | WO 2006060770 A2 | 8/6/2006 | XY, Inc. | | |
| | ZL 03109426.0 | 12/21/2005 | Inner Mongolia Mengniu Reproductive Biotechnology Co. Ltd. | | |
| | WO 2001029538 | 4/26/2001 | Becton Dickinson and Company | | |
| | WO 0175176 | 10/11/2001 | Quake | | |
| | WO 9957955 | 11/18/1999 | Chandler | | |
| | WO 04001401 | 12/31/2003 | Lloyd | | |
| | WO 01/68110 | 9/20/2001 | Oncosis | | |
| | WO 02/19594 | 3/7/2002 | Arizona Board of Regents, Acting on Behalf of Arizona State University | | |
| | GB 2145112 | 2/3/1985 | Milk Marketing Board | | |
| | WO 00/54026 | 9/14/2000 | Christensen, et al. | | |
| | CA 1029833 | 4/18/1978 | Goehde, et al. | | |
| | CA 1 250 808 | 3/7/1989 | Dresser, D. et al. | | |
| | CA 2,113,957 A1 | 1/21/1994 | Wildeman, A. et al. | | |
| | EP 0 822 401 A2 | 4/2/1998 | Behringer, B. et al. | | |
| | EP 0 025 296 B1 | 5/15/1985 | Ortho Diagnostic Systems INC. | | |
| | EP 1 118 268 A1 | 7/25/2001 | Artemis Pharmaceuticals | | |
| | EP 0 026 770 B1 | 3/16/1983 | Ernst, L. | | |
| | EP 0 029 662 B1 | 2/29/1984 | Ortho Diagnostic Systems INC. | | |
| | EP 0 046 345 A2 | 2/24/1982 | Ortho Diagnostic Systems INC. | | |
| | EP 0 068 404 B1 | 1/5/1983 | Becton, Dickinson and Co. | | |
| | EP 0 158 147 A2 | 10/16/1985 | Becton, Dickinson and Co. | | |
| | EP 0 229 814 B1 | 7/29/1987 | Steen, H. et al. | | |
| | EP 0 246 604 A2 | 11/25/1987 | Becton, Dickinson and Co. | | |
| | EP 0 279 000 B1 | 7/21/1993 | Ratcom, Inc | | |
| | EP 0 288 029 B1 | 1/12/1994 | Hitachi, LTD. | | |
| | EP 0 289 200 B2 | 8/24/1994 | Preikschat, F. et al. | | |

| | | | | | |
|---|-----------------|------------|---|--|--|
| | EP 0 289 677 A2 | 11/9/1988 | Preikschat, F. et al. | | |
| | EP 0 316 171 B1 | 9/30/1992 | Government Of The United Kingdom | | |
| | EP 0 316 172 B1 | 7/29/1992 | Government Of The United Kingdom | | |
| | EP 0 316 173 A1 | 5/17/1989 | Government Of The United Kingdom | | |
| | EP 0 317 809 A2 | 5/31/1989 | Becton, Dickinson and Co. | | |
| | EP 0 360 487 B1 | 7/9/1997 | Hitachi, LTD. | | |
| | EP 0 361 503 B1 | 11/30/1994 | TOA Medical Electronics Co. LTD. | | |
| | EP 0 361 504 B1 | 7/27/1994 | TOA Medical Electronics Co. LTD. | | |
| | EP 0 381 694 B1 | 6/1/1994 | United States Department of Energy | | |
| | EP 0 409 293 A2 | 1/23/1991 | Becton, Dickinson and Co. | | |
| | EP 0 412 431 B1 | 10/29/1997 | Becton, Dickinson and Co. | | |
| | EP 0 430 402 B1 | 1/27/1999 | The Regents of the University Of California | | |
| | EP 0 463 562 A1 | 1/2/1992 | Flow Science, INC. | | |
| | EP 0 471 758 B1 | 9/11/1996 | United States of America | | |
| | EP 0474 187 A2 | 3/11/1992 | Hitachi, LTD. | | |
| | EP 0 526 131 B1 | 1/21/1998 | TOA Medical Electronics Co. LTD. | | |
| | EP 0 529 666 B1 | 4/12/2000 | Omron Corporation | | |
| | EP 0 534 033 B1 | 11/28/2001 | Fahim, M. | | |
| | EP 0 545 284 B1 | 2/5/1997 | Canon Kabushiki Kaisha Tokyo | | |
| | EP 0 553 951 A1 | 8/4/1993 | TOA Medical Electronics Co. LTD. | | |
| | EP 0 555 212 B1 | 10/12/1994 | Biophos Medical | | |
| | EP 0 556 748 B1 | 10/28/1998 | Canon Kabushiki Kaisha Tokyo | | |
| | EP 0 662 124 B1 | 6/12/2002 | Systemix, INC. | | |
| | EP 0 696 731 A2 | 2/14/1996 | TOA Medical Electronics Co. LTD. | | |
| | EP 0 705 978 A2 | 4/10/1996 | Bayer Corporation | | |
| ↓ | EP 0 711 991 A1 | 5/15/1996 | TOA Medical Electronics Co. LTD. | | |

| | | | | | |
|---|-------------------|------------|---|--|--|
| | EP 0 736 765 A1 | 10/9/1996 | Becton, Dickinson and Co. | | |
| | EP 0 748 316 B1 | 5/8/2002 | Sunkyong Industries Co., LTD. | | |
| | EP 0 752 133 B1 | 6/28/2000 | Coulter Corporation | | |
| | EP 0 822 404 A3 | 2/4/1998 | Bayer Corporation | | |
| | EP 0 925 494 B1 | 12/19/2001 | Scandinavian Micro Biodevices | | |
| | EP 0 994 342 A3 | 4/19/2000 | Sysmex Corporation | | |
| | EP 1 018 644 A2 | 7/12/2000 | Bayer Corporation | | |
| | EP 1 100 400 B1 | 5/19/2004 | Kisfeld, A. | | |
| | EP 1 147 774 A1 | 10/24/2001 | Stichting Dienst Landbouwkundig Onderzoek | | |
| | EP 1 245 944 A3 | 10/2/2002 | Sysmex Corporation | | |
| | EP 1 249 502 A2 | 10/16/2002 | Hitacci Software Engineering Co., Ltd. | | |
| | EP 1 257 168 B1 | 2/2/2005 | XY, Inc. | | |
| | WO 02/23163 A1 | 3/21/2002 | California Institute Of Technology | | |
| | EP 1 380 304 A2 | 1/14/2004 | Applied Research Systems ARS | | |
| | GB 2 144 542 A | 3/6/1985 | Neal, L. et al. | | |
| | GB 2 121 976 A | 1/4/1984 | International Remote Imaging Systems Inc. | | |
| | GB 2 122 369 A | 1/11/1984 | International Remote Imaging Systems Inc. | | |
| | GB 2 125 181 A | 2/29/1984 | Coulter Electronics Inc. | | |
| | GB 2 136 561 A | 9/19/1984 | Coulter Corporation | | |
| | GB 2 137 352 A | 10/3/1984 | Coulter Corporation | | |
| | GB 2 153 521 A | 8/21/1985 | United States Department of Energy | | |
| | GB 2 243 681 A | 11/6/1991 | Gaial Laboratories Ltd. | | |
| | GB 2 360 360 A | 9/19/2001 | University of Bristol U.K. | | |
| | WO 01/75161 A2 | 10/11 01 | Iowa State University Research Foundation | | |
| | WO 99/44035 | 9/2/1999 | Coulter International Corp. | | |
| | WO 02/057775 A1 | 7/25/2002 | Cytomation, Inc. | | |
| | WO 96/12172 | 4/25/1996 | University of Washington U.S. | | |
| ↓ | WO 2004/006916 A1 | 1/22/2004 | Applied Research Systems ARS | | |

| | | | | | |
|--|-------------------|------------|---|--|--|
| | WO 2004/046712 A2 | 6/3/2004 | University of Virginia Patent Foundation U.S. | | |
| | WO 93/10803 | 6/10/1993 | British Technology Group LTD., G.B. | | |
| | WO 03/ 072765 A1 | 9/4/2003 | The Regents of the University Of Michigan U.S. | | |
| | WO 02/060880 A1 | 8/8/2002 | The Universite De Geneve | | |
| | WO 02/092247 A1 | 11/21/2002 | Cytomation, Inc. | | |
| | WO 2006/015056 A2 | 2/9/2006 | Dako-Cytomation, Denmarks | | |
| | WO 03/008937 A2 | 1/30/2003 | The Regents of the University Of Michigan U.S. | | |
| | WO 02/052244 A2 | 7/4/2002 | Amer-Sham Biosciences AB | | |
| | WO 00/12204 | 3/9/2000 | University Of Washington U.S. | | |
| | WO 00/36396 | 6/22/2000 | Union Biometrica, INC., U.S. | | |
| | WO 00/49387 | 8/24/2000 | IDEXX Laboratories, INC., U.S. | | |
| | WO 00/56444 | 9/28/2000 | Torsana Biosensor | | |
| | WO 00/70080 | 11/23/2000 | Caliper Technologies Corp. U.S. | | |
| | WO 01/02836 A1 | 1/11/2001 | Becton, Dickinson and Company U.S. | | |
| | WO 01/28700 A1 | 4/26/2001 | Cytomation, Inc. U.S. | | |
| | WO 01/42757 A2 | 6/14/2001 | Oregon Health Sciences University U.S. | | |
| | WO 01/61313 A2 | 8/23/2001 | (MWI, Inc.) Danam Electronics | | |
| | WO 01/68226 A2 | 9/20/2001 | University of Bristol U.K. | | |
| | WO 01/71348 A1 | 9/27/2001 | The Board Of Trustees of the Leland Stanford Junior University U.S. | | |
| | WO 02/01189 A1 | 1/3/2002 | Gnothis Holding S.A. | | |
| | WO 02/04666 A2 | 1/17/2002 | Cambridge University Technical Services Limited | | |
| | WO 02/054044 A2 | 7/11/2002 | Picoliter Inc. U.S. | | |
| | leave blank | | | | |
| | WO 02/077637 A1 | 10/3/2002 | Infigen, Inc. U.S. | | |

| | | | | | |
|--|-----------------|------------|---|--|--|
| | WO 02/092161 A1 | 11/21/2002 | Bio-Phan, LLC. U.S. | | |
| | WO 02/20850 A2 | 3/14/2002 | Iowa State University Research Foundation U.S. | | |
| | WO 02/21102 A2 | 3/14/2002 | Guava Technologies, Inc. U.S. | | |
| | WO 02/25269 A2 | 3/28/2002 | The University of Manchester | | |
| | WO 02/26114 A2 | 4/4/2002 | Bitensky, M. et al. | | |
| | WO 02/29106 A2 | 4/11/2002 | California Institute Of Technology U.S. | | |
| | WO 02/44319 A2 | 6/6/2002 | Picoliter Inc. U.S. | | |
| | WO 03/008102 A1 | 1/30/2003 | The Regents of the University Of Michigan U.S. | | |
| | WO 03/012403 A1 | 2/13/2003 | Bio-Cytex | | |
| | WO 03/016875 A2 | 2/27/2003 | Union Biometrica, Inc. U.S. | | |
| | WO 03/056330 A2 | 7/10/2003 | Institut Fur Physikalische Hochtechnologie E.V. | | |
| | WO 03/056335 A2 | 7/10/2003 | Institut Fur Physikalische Hochtechnologie E.V. | | |
| | WO 03/078065 A1 | 9/25/2003 | Micronics, INC. U.S. | | |
| | WO 03/078972 A1 | 9/25/2003 | Micronics, INC. U.S. | | |
| | WO 89/04471 A1 | 5/18/1989 | Government Of The United Kingdom | | |
| | WO 84/01265 A1 | 4/12/1984 | Genetic Engineering, Inc. U.S. | | |
| | WO 85/04014 A1 | 9/12/1985 | Research Corporation, U.S. | | |
| | WO 89/04470 A1 | 5/18/1989 | Government Of The United Kingdom | | |
| | WO 89/04472 A1 | 5/18/1998 | Government Of The United Kingdom | | |
| | WO 92/08120 A1 | 5/14/1992 | Macquarie University | | |
| | WO 92/17288 A1 | 10/15/1992 | The University of Rochester, U.S. | | |
| | WO 94/22001 A1 | 9/29/1994 | Steen, H. | | |
| | WO 96/04542 A1 | 2/15/1996 | Abbott Laboratories, U.S. | | |
| | WO 96/12173 A1 | 4/25/1996 | University Of Washington U.S. | | |
| | WO 96/33806 A1 | 10/31/1996 | Systemix, U.S. | | |

| | | | | | |
|---|----------------|------------|---|--|--|
| | WO 97/29354 A1 | 8/14/1997 | Bayer Aktiengesellschaft | | |
| | WO 97/30338 A1 | 8/21/1997 | Inphocyte, Inc., U.S. | | |
| | WO 97/35189 A1 | 9/25/1997 | University Of Washington U.S. | | |
| | WO 97/43620 A1 | 11/20/1997 | International Remote Imaging Systems Inc. | | |
| | leave blank | | | | |
| | leave blank | | | | |
| | WO 98/57152 A1 | 12/17/1998 | Guava Technologies, Inc. U.S. | | |
| | WO 99/47906 A1 | 9/23/1999 | Partec Partikelzahlgerate | | |
| | WO 99/60397 A1 | 11/25/1999 | University Of Washington U.S. | | |
| ↓ | WO 99/61888 A2 | 12/2/1999 | California Institute Of Technology U.S. | | |


III. OTHER REFERENCES

| EXAMINER INITIAL | Document |
|---------------------|--|
| | Parallel Chinese Application Number 03819362.0; Office Action dated 03/28/2008 |
| | Parallel Australian Application Number 2003265471; Examination Report dated 05/03/2008 |
| | Bavister, B.D. et al., The effects of Sperm Extracts and Energy Sources on the Motility and Acromosome Reaction of hamster Spermatozoa in vitro; Biology of Reproduction 16, 228-237 (1997) |
| | Fattouh, El-S.M. et al., Effect of Caffeine on the Post-Thaw Motility of Buffalo Spermatozoa; Theriogenology, July 1991, vol. 36 No. 1 |
| | Koh-ichi Hamano, et al., Gender Preselection in Cattle with Intracytoplasmically injected, flow cytometrically sorted sperm heads, Biology of Reproduction 60, 1194-1197 (1990) |
| | Hollinshead, F.K. et al., Birth of lambs of pre-determined sex after in vitro production of embryos using frozen-thawed sex-sorted and re-frozen-thawed ram spermatozoa, Reproduction (Cambridge, England) May 2004, Vol. 127, o. 5, pages 557-568 |
| | Nikkei Biotech, Supplement, Latest Information of Biological Instruments and Reagents, 1988, pp. 93-94 |
| | Pursley, J.R. et al., Reproductive Management of Lactating Dairy Cows Using Synchronization of Ovulation; 1997 J. Dairy Sci 80:301-306 |
| | Bagnato, A., Genetic and Breeding; Phenotypic Evaluation of Fertility Traits and Their Association with Milk Production of Italian Friesian Cattle; 1994 J. Dairy Sci 77:874-882 |
| | Panskowski, J., A., et al. Use of Prostaglandin F2a as a Postpartum Reproductive Management Tool for Lactating Dairy Cows; 1995 J. Dairy Sci 78:1477-1488 |
| | Scipioni, R. L., et al., Short Communication: An Electronic Probe Versus Milk Progesterone as Aids for Reproductive Management of Small Dairy Herds; 1999 J. Dairy Sci 82:1742-1745 |
| | Fricke, P. M., Scanning the Future - Ultrasonography as a Reproductive Management Tool for Dairy Cattle; J. Dairy Sci 85:1918-1926 |
| | Grant, V. J., et al., Sex-Sorted Sperm and Fertility: An Alternative View; Biology of Reproduction 76, 184-188 (2007) |
| | Garner, D. L., Sex-Sorting Mammalian Sperm: Concept to Application in Animals; Journal of Andrology, Vol. 22, No. 4 July/Aug. 2001 |
| | Tubman, L.M. et al., Characteristics of calves produced with sperm sexed by flow cytometry/cell sorting; 2004 Amer. Society of Animal Sciences; 82:1029-1036 |
| | Weigel, K. A., Exploring the Role of Sexed Semen in Dairy Production Systems; J. Dairy Sci. 87: (E.Suppl.): E120-E130; 2004 American Dairy Science Assoc. |
| | Ferre, L., In vitro-derived embryo production with sexed and unsexed semen from different bulls; Reproduction Fertility and Development, Vol 16, Part 1/2, Page 253, 2004 |
| | Dalton, J.C., et al., Effect of Time of Insemination on Number of Accessory Sperm, Fertilization Rate, and Embryo Quality in Nonlactating Dairy Cattle. J Dairy Sci. 84:2413 - 2418 |
| | Dransfield, M.B.G., et al., Timing of Insemination for Dairy Cows Identified in Estrus by a Radiotelemetric Estrus Detection System. 1998 J Dairy Sci. 81: 1874 - 1882 |
| | Maatje, K. et al. Predicting Optimal Time of Insemination in Cows that Show Visual Signs of Estrus by Estimating onset of Estrus with Pedometers |
| ↓ | Nebel, R.L. et al. Timing of Artificial Insemination of Dairy Cows: Fixed Time Once Daily Versus Morning and Afternoon 1994 J Dairy Sci. 77:3185 - 3191 |

| | |
|---|---|
| | Pursley, J. Richard, et al. Effect of Time of Artificial Insemination on Pregnancy Rates, Calving Rates, Pregnancy Loss, and Gender Ratio After Synchronization of Ovulation in Lactating Dairy Cows. 1998 J Dairy Sci. 81: 2139- 2144 |
| | Rozeboom, K. J. et al. Late Estrus or Metestrus Insemination After Estrual Inseminations Decreases Farrowing Rate and Litter Size in Swine J. Animal Sci. 1997. 75: 2323 - 2327 |
| | Peeler, I. D. et al. Pregnancy Rates After Times AI of Heifers Following Removal of Intravaginal Progesterone Inserts, J. Dair Sci., 87:2868-2873; 2004 |
| | Rath, D. Low Dose Insemination in the Sow - A Review, Reprod. Dom Anim. 37, 201-205 (2002) www.blackwell.de/synergy . |
| | Lukaszewicz, M. et al. Attempts on freezing the Greylag (Anser anser L.) gander semen Animal Reproduction Science 80 (2004) 163-173 |
| | Foote, R. H. et al. Sperm Numbers Inseminated in Dairy Cattle and Nonreturn Rates Revisited 1997 J Dairy Science 80:3072-3076 |
| | Conley, H.H. et al. Intensification by Intrauterine Devices of Sperm Loss from the Sheep Uterus Biology of Reproduction 2, 401-407 (1970) |
| | Chrenek, Peter et al. Fertilizing Capacity of Transgenic and Non-Transgenic Rabbit Spermatozoa after Heterospermic Insemination Bull Vet. Inst. Pulawy 49, 307-310, 2005 |
| | Bakst, Murray R. Fate of Fluorescent Stained Sperm following Insemination: New Light on Oviculal Sperm Transport and Storage in the Turkey |
| | Johnson L.A., et al. use of boar spermatozoa for artificial insemination, II. Fertilization Capacity of fresh and frozen spermatozoa in gilts inseminated either at a fixed time or according to walsmeta readings, Journal of Animal Science, vol. 54 No. 1, 1982 pp 126-131 |
| | Pursel, V. G., et al. Distribution and morphology of fresh and frozen-thawed sperm in the reproductive tract of gilts after artificial insemination; Biology of Reproduction 19, 69-76 (1978) |
| | Rath, D., "On the Status of Sex-Specific Sperm Sorting" Review lecture ET Conference 2002, Department of Animal Production and Animal Behaviour, Mariensee, Germany |
| | Grossfeld, R., "Experiments to Improve the Quality of Sex-Sorted Fresh and Frozen Porcine Spermatozoa" PhD thesis of the Faculty of Agricultural Sciences, Georg-August University, Gottingen, May 2007 |
| | de Graaf, S.P. et al., Birth of offspring of pre-determined sex after artificial insemination of frozen-thawed, sex-sorted and re-frozen-thawed ram spermatozoa, Theriogenology, 67 (2007) 391-398 |
| | O'Brien, J.K. et al., Development fo sperm sexing and associated assisted reproductive technology for sex preselection of captive bottlenose dolphins, Reproduction Fertility and Development, 2006, 18, 319-329 |
| | Zhang, M, et al., In vitro fertilization with flow-sorted buffalo sperm, Reproduction Fertility and Development, 2005, 18(2), 283-284 |
| | Schenk, J.L. et al., Insemination of cow elk with sexed frozen semen, 2003 Theriogenology 59, 514 |
| | BD Biosciences Brochure, BD FACSCalibur Flow Cytometer, the Automated, Multicolor Flow Cytometry System, 2006 |
| | Johnson, L. A. et al., Cryopreservation of flow cytometrically sorted boar sperm: effects on in vivo embryo developmen; J. Anim Sci. Vol. 78, Suppl 1/J. Dairy Sci., vol. 83, Suppl 1, 2000 |
| ↓ | Lindsey, A., et al., "Hysteroscopic Insemination of Fresh and Frozen Unsexed and Sexed Equine Spermatozoa", pp. 152-153, Proc. 5th Int. Symp. Equine Embryo Transfer, P. 13, 2000 |

| | |
|---|---|
| | Presicce, G.A., et al., First established pregnancies in mediterranean italian buffaloes (bubalus bubalis) following deposition of sexed spermatozoa near the utero tubal junction, Reproduction in Domestic Animals, Volume 40, Number 1, February 2005 , pp. 73-75(3) |
| | Dielemann, S.J., Superovulation in cattle: from understanding the biological mechanisms to genomics of the oocyte; 23 rd Annual Meeting A.E.T.E. – Alghero; Sept. 2007 |
| | Hasler, J. F., Factors influencing the success of embryo transfer in cattle; 23 rd World Buiatrics Congress, Quebec, Canada July 2004 |
| | Mapletoft, R. J. et al., Superovulation in perspective, Bioniche Animal Health, December 2002 |
| | Bahr, G.F.et al., Considerations of volume, mass, DNA, and arrangement of mitochondria in the midpiece of bull spermatozoa, Experimental Cell Research 60 (1970) 338-340 |
| | Baumber, J., et al., "The Effect of Reactive Oxygen Species on Equine Sperm Motility, Viability, Acrosomal Integrity, Mitochondrial Membrane Potential, and Membrane Lipid Peroxidation", 2000, Journal of Andrology, Vol.21 (6),pp.895-902 |
| | BD LSR II Flow Cytometer, BD Biosciences Clontech Discovery labware Immunocytometry systems Pharmingen 1/28/04 |
| | Bermudez, D.et al., The immediate effect of IR, laser radiation on rat , germ, cells, was studied by cytophotometric quantification, Scisearch 2001 |
| | Sequent Biotechnologies Inc., Welcome to the Sequent Biotechnologies Inc. website., http://www.sequentbiotech.com/ 12/6/03 |
| | Sabuer K. et al."Effects of Angiotensin II on the Acrosome Reaction in Equine Spermatozoa" Journal of Reproduction and Fertility vol. 120, 2002 P. 135-142 |
| | Brooks, D.E., Manipulation of Mammalian Gametes in Vitro, Biennial Report, Waite Agricultural Research Institute 1986 -1989 |
| | Bruemmer, J.E. et al., "Effect of Pyruvate on the Function of Stallion Spermatozoa Stored for up to 48 Hours", Journal of Animal Science 2002, vol. 80*1, pp.12-18 |
| | Catt, S.L. et al., Hoechst staining and exposure to UV laser during flow cytometric sorting does not affect the frequency of detected endogenous DNA nicks in abnormal and normal human spermatozoa, Molecular Human Reproduction vol.3 no.9 pp. 821-825,(1997) |
| | Chaudhry, P., et al., Casein Kinase II activity and polyamine-stimulated protein phosphorylation of cytosolic and plasma membrane protiens in bovine sperm, Archives of Biochemistry and Biophyeics Vol.271, No.1 pp.98-106, 5/15/89 |
| | Chen, Y. et al., Effects of sucrose, trehalose, hypotaurine, taurine, and blood serum on survival of frozen bull sperm, Cryobiology 30,423-431 (1993) |
| | Chapter 16 Semen processing, storage, thawing, and handling, http://nongae.gsnu.ac.kr/~cspark/teaching/chap16.html 9/23/02 |
| | Conover,J. et al., Pre-loading of mouse oocytes with DNA-specific fluorochrome (Hoechst 33342) permits rapid detection of sperm-oocyte fusion, Journals of Reproductive & Fertility Ltd. 82, 681-690 (1988) |
| | Cressman, B.E. MD, et al., Effect of sperm dose on pregnancy rate from intrauterine insemination: a retrospective analysis, Texas Medicine, 92:74-79 (1996) |
| | Crissman, H.A. et al., Use of DIO-C5-3 to improve hoechst 33342 uptake, resolution of DNA content, and survival of CHO cells, Experimental cell research 174: 338-396 (1988) |
| ↓ | Graves, C.N., et al., "Metabolism of Pyruvate by Epididymal-Like Bovine Spermatozoa", 1964 Journal of Dairy Science Vol.47 (12), pp.1407-1411 |

| | |
|---|--|
| | Certified Semen Services, CSS Minimum requirements for disease control of semen produced for AI, http://www.naab-css.org/about_css/disease_control-2002.html 9/22/03 |
| | Culling, "Handbook of Histopathological and Histochemical Techniques, "3rd Ed., Butterworths, pp.192 |
| | De Grooth, B. et al., Simple delay monitor for droplet sorters, Cytometry 12:469-472 (1991) |
| | Lodge, J.R., et al., "Carbon Dioxide in Anaerobic Spermatozoan Metabolism" 1968, Journal of Dairy Science, Vol. 51(1), pp. 96-103 |
| | Delgado, N. et al., Correlation between sperm membrane destabilization by heparin and aniline blue staining as membrane integrity index, Archives of Andrology 40:147-152 (1998) |
| | Denniston, D.J. et al., "Effect of Antioxidants on the Motility and Viability of Cooled Stallion Spermatozoa", Journal Reproduction Supplement 56, 2001, pp. 121-126 |
| | De Pauw M.C. et al. Sperm Binding to Epithelial Oviduct Explants in Bulls with Different Nonreturn Rates Investigated with a new In-Vitro Model Biology of Reproduction, 2002, vol. 67 P. 1073-1079 |
| | Donoghue, A. et al., Effects of water- and lipid-soluble antioxidants on turkey sperm viability, membrane integrity, and motility during liquid storage, Poultry Science 76:1440-1445 (1997) |
| | Durack, Gary; "Cell - Sorting Technology", Emerging Tools for Single-cell Analysis, Chapter 1 pgs.1-359. |
| | Zucker, R. et al., Utility of light scatter in the Morphological analysis of sperm, Cytometry 13:39 47 (1992) |
| | Ericsson, S. et al., Interrelationships among fluorometric analyses of spermatozoal function, classical semen quality parameters and the fertility of frozen-thawed bovine spermatozoal, Theriogenology 39:1009-1024 (1993) |
| | Ericsson, et al. "Flow Cytometric Evaluation of Cryopreserved Bovine Spermatozoa Processed Using a New Antibiotic Combination", Theriogenology, 1990, vol.33(6), pp. 1211-1220 |
| | Cho, et al. A microfluidic device for separating motile sperm from nonmotile sperm via inter-streamline crossings, |
| | Ericsson, R. et al., Functional differences between sperm bearing the X- or Y- chromosome, |
| | Esteves, S. et al., Improvement in motion characteristics and acrosome status in cryopreserved human spermatozoa by swim-up processing before freezing, Human Reproduction vol.15 no.10 pp.2173-2179 (2000) |
| | Evenson, D. et al., Physiology and Management, Rapid determination on sperm cell concentration in bovine semen by flow cytometry, J Dairy Sci. 76: 86 - 94 (1993) |
| | Farrell et al., "Quantification of Bull Sperm Characteristics measured by Computer-Assisted Sperm Analysis (CASA) and the Relationship of Fertility", Theriogenology, 1998, vol.49 (4), pp. 871-879 |
| | Fitzgerald, D., Cell sorting: An enriching Experience, The Scientist 7/23/01 |
| | Foot, R., The history of artificial insemination: Selected notes and notables, American Society of Animal Science (2002) |
| | Foot, R., Functional differences between sperm bearing the X- or Y- chromosome |
| | Garner, D., Past, Present and future perspectives on sexing sperm, CSAS Symposium SCSA: 67-78. |
| ↓ | Zhang, M. et al., Development of bovine embryos after in vitro fertilization of oocytes with flow cytometrically sorted, stained and unsorted sperm from different bulls, Abstract: Theriogenology vol.60 Issue 9, pp 1657-1663, 12/2003 |


| | |
|---|---|
| | Johnson, L. et al., Sex preselection in mammals by DNA: A method for flow separation of X and Y Spermatozoa in humans, |
| | Johnson, L. et al., Recent advances in sex preselection of cattle: Flow cytometric sorting of X- & Y-chromosome bearing sperm based on DNA to produce progeny, Theriogenology 41:51-56 (1994) |
| | Ashwood-Smith, M., Debate Human sperm sex selection, Human Reproduction vol.9 no.5 pp.757-759 (1994) |
| | Pinkel,D.et al.,Flow cytometry of mammalian sperm progress in DNA and morphology measurement, The Journal of Histochemical and CytochemistryVol.27 No.1 pp. 353-358 (1979) |
| | Fugger, E. et al., Birth of normal daughters after MicroSort sperm separation and intrauterine insemination, in-vitro fertilization, or intracytoplasmic sperm injection, http://www.microsort.net/HumRepro.htm 3/19/03 |
| | Johnson, L. et al., Flow sorting of X and Y Chromosome-bearing Mammalian sperm: Activation and pronuclear development of sorted bull, boar, and ram sperm microinjected into hamster oocytes, Gamete Research 21:335-343 (1988) |
| | Salisbury, G.W., et al., "Reversal by Metabolic Regulators of CO ₂ -induced Inhibition of Mammalian Spermatozoa, 1959, Proc Soc Exp Biology Med, Vol. 101 (1) pp.187-189 |
| | Centola, G.et al., Cryopreservation of human semen. Comparison of cryopreservatives, sources of variability, and prediction of post-thaw survival. PMID: 1601749 May-Jun 1992 |
| | Bencic, D.C., et al., "Carbon Dioxide Reversibly Inhibits Sperm Motility and Fertilizing Ability in Steelhead (Oncorhynchus mykiss)" 2000, Fish Physiology and Biochemistry, vol. 23(4), pp 275-281 |
| | Boatman, D.E. et al., "Bicarbonate Carbon Dioxide Regulation of Sperm Capacitation Hyperactivated Motility and Acrosome Reactions", 1991, Biology of Reproduction vol. 44(5), pp. 806-813 |
| | Garcia, M.A. et al., "Development of a Buffer System for Dialysis of Bovine Spermatozoa Before Freezing III.Effect of Different Inorganic and Organic Salts on Fresh and Frozen-Thawed Semen", 1989, Theriogenology, vol. 31(5),pp. 1039-1048 |
| | Courtens, J. et al., Numerical simulation for freezing and thawing mammalian spermatozoa. Evaluation of cell injuries at different depths in bags or straws during all steps of the technique, |
| | Eiman, M.et al., Trehalose-enhanced fluidity of the goat sperm membrane and its protection during freezing, Biology of Reproduction 69: 1245-1250 (2003) |
| | Foote, R.et al., Physiology and Management, Fertility of bull spermatozoa frozen in whole milk extender with trehalose, taurine, or blood serum, J. Dairy Sci. 76:1908-1913 (1993) |
| | Johnson, L. et al., Storage of bull semen, Animal Reproduction Science 62: 143-172 (2000) |
| | Johnson, L. et al.,Erratum to "Storage of bull semen", Animal Reproduction Science 62: 143-172 (2000) |
| | McNutt,T.et al., Electrophoretic gel analysis of Hoechst 33342 stained and flow cytometrically sorted bovine sperm membrane proteins, Reprod. Dom Anim.31: 703-709 (1996) |
| | Van der Werf, Julius, An overview of animal breeding programs; Animal Breeding Use of New Technologies (This is a Post Graduate Foundation Publication) |
|  | Best, T. P. et al. "Nuclear Localization of Pyrrole-Imidazole Ployamide-Flourescein Conjugates in Cell Culture", PNAS, 2003, Vol.100(21), pp. 12063 - 12068 |

| | |
|--|--|
| | Gygi, M.P., et al. "Use of Fluorescent Sequence-Specific Polyamides to Discriminate Human Chromosomes by Microscopy and Flow Cytometry", Nuci Acids Res. 2002, vol.30(13),pp.2790 - 2799 |
| | Young, L.et al., Prolonged feeding of low levels of zearalenone to young boars, BD Biosciences, BD AccuDrop Potion, www.bdbiosciences.com, 9/2002 |
| | Agarwal, A.et al., Filtration of spermatozoa through L4 membrane:a new method, Fertility and Sterility, Vol. 06, No.6, 12/1991 |
| | Anzar, M.et al., Optimizing and Quantifing fusion of liposomes to mammalian sperm using resonance energy transfer and flow cytometric methods, Cytometry49:22-27 (2002) |
| | Anzar, M.et al., Sperm Apoptosis in fresh and cryopreserved bull semen detected by flow cytometry and it's relationship with fertility, Biology of Reproduction 66: 354-360 (2002) |
| | Arav, A.et al., New trends in gamete's cryopreservation, Molecular and Cellular Endocrinology 187:77-81 (2002) |
| | Arndt-Jovin et al., "Analysis and Sorting of Living Cells According to Deoxyribonucleic Acid Content", Journal Histochem. And Cytochem., 1977, Vol 25(7), pp. 585-589 |
| | Arts,E.et al.,Evidence for the existence of lipid-diffusion barriers in the equatorial segment of human spermatozoa, Biochem J.384:211-218 (1994) |
| | Garner,D.et al., Spermatozoa and Seminal Plasma, Reproduction in farm animals 7th edition, |
| | Gadella B,et al., Dynamics in the membrain organization of the mammalian sperm cell and functionality in fertilization, Vet Quart. 21:142-146 (1999) |
| | Garner, D.et al., Chromatin stability in sex-sorted sperm, VII International Congress of Andrology, |
| | Garner,D. et al., Morphological and ultrastrutural Characterization of mammalian spermatozoa processed for flow cytometric DNA analyses, Gamete Research 10:339-351 (1984) |
| | Garner, D., et al., Effect of hoechst 33342 staining and laser illumination on the viability of sex-sorted bovine sperm, Theriogenology, vol.57 No.1, 1-810 (2002) |
| | Garner, D. et al., Assessment of spermatozoal function using dual fluorescent staining and flow cytometric analyses, Biology of Reproduction 34:, 127-138 (1986) |
| | Gebhard D., Sorting Viability....one more time, http://www.cyto.purdue.edu/hmarchiv/1998/2263.htm 2/14/04 |
| | Givan,A., Flow Cytometry First Principles, (1992) |
| | Gledhill, B.et al., Identifying and separating X- and Y- Chromosome-bearing mammalian sperm by flow cytometry, Lawrence Livermore National Laboratory, 2/8/84 |
| | Gledhill, B.et al., Identifing X- and Y- chromosome- bearing sperm by DNA content:Retrospective perspectives and prospective opinions' |
| | Gledhill, B.et al., Flow microfluorimetric analysis of sperm DNA contemt: Effect of cell shape on the fluorescence distribution, J. Cell Physiol.87: 367-378 |
| | Gledhill, B.et al., Flow cytometry and sorting of sperm and male germ cells, Flow Cytometry and sorting, second edition, pp. 531-551 (1990) |
| | Gordon et al., " Genetic Transformation of Mouse Embryos by Microinjection of Purified DNA", Proc. Natil Acad. Sci., 1980, vol. 77 (12), pp.7380-7384 |
| | Graham, J.et al.,Analysis of sperm cell viability, Acrosomal integrity, and Mitochondrial function using flow cytometry, Biology of Reproduction 43: 55-64 (1990) |
| | Graham, J.et al., Effect of some Zwitter Ion buffers on freezing and storage of spermatozoa I, Bull, J. Dairy Sci 55: 372-378 (1992) |

| | |
|---|---|
| | Grogan, W. et al., DNA Analysis and sorting of viable mouse testis cells, The Journal of Histochemistry and Cytochemistry, vol. 29 no.6 pp.738-746, (1981) |
| | Guthrie, et al., "Flow Cytometric Sperm Sorting: Effects of Varying laser Power on Embryo Development in Swine", Mol. Reprod. And Develop., 2002,vol. 61 (1), pp.87-92 |
| | Hacker-Klom, U.B., et al., Effect of doxorubicin and 4'-epi-doxorubicin on mouse spermatogenesis. Mutation Research International Journal on Mutagenesis vol. 159, pp 39-46. 1986. |
| | Hargrove, T. et al., Special Techniques, Part B Cryopreservation, Chapter 11B |
| | Hasler, J., Symposium: Reproductive Technology and Genetic improvementJ. Dairy Sci. 75:2857-2879 (1992) |
| | Held, A.et al., Quasi- CW Solid- state lasers Expand their reach, Photonics Spectra, 12/2002 |
| | Hinkley, R.et al., Rapid visual detection of sperm-egg fusion using the DNA-Specific Fluorochrome Hoechst 33342, Developmental Biology 118: 148-154 (1986) |
| | Januskauskas, A.et al.,Assessment of sperm quality through Fluorometry and sperm chromatin structure assay in relation to field fertility of frozen-thawed semen from Swedish AI bulls, Theriogenology 55: 947-961 (2001) |
| | Janendran, R.et al., Effect of glycerol and cryopreservation on oocyte penetration by human spermatozoa, PMID: 4025843, 7/6/06 |
| | Johnson, L., A flow cytometric/ sorting method for sexing mammalian sperm validated by DNA analysis and live births, Cytometry, page 42 of supplement , 9/4/1990 |
| | Johnson, L., Flow sorting of intact X & Y chromosome-bearingmammalian spermatozoa, The Journal of the Society for Analytical Cytology Cytometry, (1988) |
| | Zhang,M. et al., Development of bovine embryos after in vitro fertilization of oocytes with a flow cytometrically sorted, stained and unsorted sperm from different bulls, Theriogenology 60: 1657-1663 (2003) |
| | Jones,R.et al., Effect of Osmolality and Phosphate, "Tris", "Tes", "Mes", nd "Herpes" Hydrogen ion buffers on the motility of bull spermatozoa stored at 37 or 5°C, Ausi J. Biol. Sci.25:1047-1055 (1972) |
| | Jones,R., Plasma membrane structures and remodelling during sperm maturation in the epididymis, Journal of Reproduction and Fertility (1998) |
| | Gerrits, Roger J. Application of Biotechnology to Animal Production US Dept. of Agriculture, Beltsville Maryland. |
| | Johnson, L., Separation of X and Y Chromosome-bearing mammalian sperm by DNA content cytometric analysis and sorting, US Department of Agriculture, |
| | Johnson, M.,The Macromolecular Organization of membranes and its bearing on events leading up to Fertilization, Journal of Reproduction and Fertility (1975) |
| | Johnson, L., Verified Sex Pre-Selection in Farm Animals, |
| | Johnson, L., Prograss towards achieving sex preselection in farm animals, USDA Agricultural Research Service, (1989) |
| | Keeler, K.et al., Flow microfluorometric analysis of living spermatozoa stained with Hoechst 33342, J. Reprod.Fert. 68:205-212 (1983) |
| | Keij, J.et al., High speed Photodamage cell sorting: An evaluation of the Zapper Prototype, Methods in cell Biology Vol. 42, (1994) |
| | Kirchhoff, C.et al., The Molecular biology of the sperm surface:Post-Testicular Membrane Remodelling, The Fate of the Male Germ Cell, (1997) |
| ↓ | Krueger, C.et al.,Low dose Insemination in synchronized gilts, Theriogenology 52: 1363-1373 (1999) |

| | |
|---|--|
| | Lahdetie, J., Induction and survival of micronuclei in rat spermatids. Comparison of two meiotic micronucleus techniques using cyclophosphamide, <i>Mutation Research</i> , 203:47-53 (1988) |
| | Laser Innovations - Applications, http://www.laserinnovations.com/488nm.htm 2/2/04 |
| | Libbus, B. et al., Incidence of chromosome aberrations in mammalian sperm stained with Hoechst 33342 and UV-laser irradiated during flow sorting, <i>Mutation Research</i> , 182: 265 -274 (1987) |
| | Loken, M., Separation of viable T and B lymphocytes using a cytochemical stain, Hoechst 33342, <i>The Journal of Histochemistry and Cytochemistry</i> , vol.28, no.1, pp.36-39 (1980) |
| | Lucas, J. et al., Orientation measurements of microsphere doublets and metaphase chromosomes in flow, <i>Cytometry</i> 7:575-581 (1986) |
| | Luttmer, S. et al., Examination of living and fixed gametes and early embryos stained with supravital fluorochromes (Hoechst 33342 and 3,3'-dihexyloxacarocyanine iodide), <i>Gamete Research</i> 15:267-283 (1986) |
| | Masiki, J. et al., Effect of bull seminal plasma on the membrane characteristics of boarepididymal spermatozoa, |
| | Maxwell, W. et al., Physiology of spermatozoa at high dilution rates: The influence of seminal plasma, <i>Theriogenology</i> 52: 1353-1362 (1999) |
| | Mazur, P., The role of Intracellular freezing in the death of cells cooled at supraoptimal rates, <i>Cryobiology</i> 14:251-272 (1977) |
| | McSweeney, K. et al., Abstract: Insemination of lactating holstein cows with sexed frozen/thawed sperm, http://www.cvmb.colostate.edu/physio/abstract/ges12.html 3/16/04 |
| | Medeiros, C. et al., Current status of sperm cryopreservation: Why isn't it better? <i>Theriogenology</i> 57: 327-344 (2002) |
| | Meistrich, M., Potential and limitations of physical methods for separation of sperm bearing an X- or Y- chromosome, |
| | Meistrich, M. et al., "Cytogenetic" studies of spermatids of mice carrying Cattnach's translocation by flow cytometry, <i>Chromosoma</i> 74:141-151 (1979) |
| | Morrell, J. et al., Offspring from inseminations with mammalian sperm stained with Hoechst 33342, either with or without flow cytometry, <i>Mutation Research</i> 224:177-183 (1989) |
| | Morrell et al., "Sexing of Sperm by Flow Cytometry", <i>The Veterinary Record</i> , 1988, pp.322-324. |
| | Morrier, A. et al., Glycerol addition and conservation of fresh and crypreserved ram spermatozoa, <i>Canadian Journal of Animal Science</i> , 9/2002 http://pubs.nrc-cnrc.gc.ca/aic-journals/2002ab/cjas02/sep02/cjas01-045.html |
| | Moruzzi, J., Selecting a mammalian species for the separation of X- and Y- chromosome-bearing spermatozoa, <i>J. Reprod. Fert.</i> 57:319-323 (1979) |
| | Murthi S. et al., Improved data acquisition system for digital flow cytometry, (2002) |
| | Studt, T., MEMS-based Cell Sorter Speeds Clinical Studies, <i>R&D Magazine</i> , Dec.2003: pp.36-37 as currently presented on and printed from http://www.rdmag.com 2 pgs. |
| | Gwo-Bin, L. et al., Multi-cell-line micro flow cytometers with buried SU-8/SOG Optical waveguides, 2/2002 |
| | Shapiro, H. M. et al., Multistation Multiparameter Flow Cytometry: Some Influences of Instrumental Factors on System Performance, 1983, pp. 11-19, 4, Allan R. Liss, Inc. |
| ↓ | OcanaQuero, J. et al., Biological effects of helium-neon irradiation on acrosome reaction in bull, <i>Scisearch Journal of Photochemistry and Photobiology</i> , Vol. 40 No. 3, pp. 294-298 (1997) |

| | |
|---|---|
| | Pangawkar, G. et al., Physical and biochemical characteristics of semen in relation to fertility of Holstein-Friesian bulls, Indian vet. Med.J. vol.13: 21-26 (1989) |
| | Papa, S. et al., Chromatin organization in Isolated nuclei: Flow cytometric characterization employing forward and perpendicular light scatter, Cell Biochemistry and Function Vol. 6: 31-38 (1988) |
| | Parks, J. et al., Lipids of plasma membrane and outer acrosomal membrane from bovine spermatozoa, Biology of Reproduction 37:1249 -1258 (1987) |
| | Parks, J. Processing and handling bull semen for artificial insemination - Don't add insult to injury!, Department of Animal Science Cornell University |
| | Partec, Taking flow cytometry to the next generation, Catalogue 2001 - 2002 |
| | Perez-Pe, R.et al., Semen plasma proteins prevent cold shock membrane damage to ram spermatozoa, Theriogenology 56 (3) : 425-434, 8/1/2001, PMID: 11516122 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=pubmed |
| | Peter, A. et al., Fractionation of bovine spermatozoa for sex selection: A rapid immunomagnetic technique to remove spermatozoa that contain the H-Y antigen, Theriogenology 40:1177- 1185 (1993) |
| | Petersen, Timothy W., et al, Stability of the Breakoff Point in a High-Speed Cell Sorter The Journal of the international society for Analytical Cytology, Vol.56A Num.2, 12/2003 |
| | Pinkel Dan, Flow Cytometry and Sorting Analytical Chemistry, 3/1982 vol. 54 No.3 |
| | Pinkel Dan, Cytometric Analysis of Mammalian Sperm for Induced Morphologic and DNA Content Errors; Biological Dosimetry (Cytometric Approaches to Mammalian Systems) 1984. |
| | Pinkel, D. et al; Radiation-Induced DNA Content Variability in Mouse Sperm. Radiation Research An International Journal, Vol.95, Num.3, 9/1983 |
| | Piumi, F. et al., Specific cytogenetic labeling of bovine spermatozoa bearing X or Y chromosomes using florescent in situ hybridization (FISH), Genet, Sel. Vol. 33: 89-98 (2001) |
| | Polge, C., Low-temperature storage of mammalian spermatozoa, Unit of Reproductive Physiology and Biochemistry, Cambridge |
| | Edited by Bell-Prince, C. , NFCR Newsletter, http://www.ls.lanl.gov/NFCR/newsletter-Oc98/oct98.html 1/6/04 |
| | Rasul, Z.et al., Changes in motion characteristics, plasma membrane integrity, and acrosome morphology during cryopreservation of buffalo spermatozoa, Journal of Andrology, Vol.22 Num.2, 3-4/2001 |
| | Rees, William A., et al,Betaine Can Eliminate the Base Pair Composition Dependence of DNA Melting; Biochemistry 1993, 32, pgs. 137-144. |
| | Rens, W.et al.,An X-Y paint set and sperm FISH protocol that can be used for validation of cattle sperm separation procedures, Journals of Reproduction and Fertility, 121: 541-546 (2001) |
| | Reyes, C.et al., Characterization of Secretory Proteins from cultured Cauda Epididymal Cells that significantly sustain bovine sperm motility, Molecular Reproduction and Development 63: 500-509 (2002) |
| | Rippel,N.et al., Transcervical insemination: Effects of variation in total sperm number/dose on fertility, 83rd Annual Fall Conference for Veterinarians, 10/2002 |
| | Rizzo, W. et al.,Liposome-mediated transfer of simian virus 40 DNA and minichromosome into mammalian cells, J. Gen. Virol 64:911-919 (1983) |
| | Ruch, F., Determination of DNA content by microfluorometry, Introduction to Quantitative Cytochemistry, pp.281-294 (1966) |
| ↓ | Saacke, R.et al., Semen Quality test and their relationship to fertility, 4th National Association of Animal Breeders, (1972) |

| | |
|---|--|
| | Salisbury, G.W.,et al."Preservation of Bovine Spermatozoa in Yolk-Citrate Diluent and Field Results from its Use", Journal of Dairy Science, 1941, vol.24(11),pp.905-910 |
| | Schroter, S.et al., The glycocalyx of the sperm surface, Human Reproduction Update: Vol.5, Num.4, pp.302-313 (1999) |
| | Schuster, T. et al., Isolation of motile spermatozoa from semen samples using microfluidics, Reproductive BioMedicine Online,Vol.7 Num.1 75-81, www.rbmonline.com/Article/847, 4/16/03 |
| | Seidel, George E. Jr. "What about sexed semen?" Hoard's Dairyman, The National Dairy Farm Magazine, 5/10/01 |
| | Sexing Technologies, Welcome to sexing Technologies, http://www.sexingtechnologies.com/ 12/11/03 |
| | Shapiro, Howard M. M.D.,Building Flow Cytometers Chapter 9. Practical Flow Cytometry, second edition, Property of Washington University Medical Library. |
| | Sharp, J. et al., Radially symmetric excitation and collection optics for flow cytometric sorting of aspherical cells, Cytometry, 29:363-370 (1997) |
| | Shapiro, H., Re: cheap laser idea??, http://www.cyto.purdue.edu/hmarchiv/1998/1015.htm 2/3/04 |
| | Smith, P.et al., Characteristics of a Novel Deep Red/ Infrared Fluorescent Cell-Permeant DNA Probe, DRAQ5, in Intact human Cells Analyzed by Flow Cytometry, Confocal and Multiphoton Microscopy, Cytometry 40:280-291 (2000) |
| | Stanger, J.et al., The Relationship between motility and the FITC-BSA binding Properties of Mouse epididymal spermatozoa, The Journal of Experimental Zoology 227: 323- 327 (1983) |
| | Stanic,P. et al.,Comparison of protective media and freezing techniques for cryopreservation of human semen, http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=pubmed , 7/11/2000 |
| | Stewart,R., Georgia Beef Challenge, Livestock Newsletter 1-2/2002 |
| | Takacs, T.et al.,Flow Cytometric determination of the sperm cell number in diluted bull semen samples by DNA staining method, Acta Biochim.Biophys.Hung. Vol.22 Num.1, pp.45-57 (1987) |
| | Thurston,L. et al., Identification of Amplified restriction fragment length polymorphism markers linked to genes controlling boar sperm viability following cryopreservation, Biology Of Reproduction 66: 545-554 (2002) |
| | Tone,S.et al., A method of vital staining of mouse eggs using Hoechst dye, Department of Developmental Biology (1986) |
| | Tubman,L.et al., Abstract:Normality of calves resulting from sexed sperm, http://www.cvmbs.colostate.edu/bms/abstract/ges12.html 3/16/04 |
| | Tucker,K.et al., Sperm separation techniques:Comparison of gradient products, Proceedings 2ed International workshop for Embryologists: Troubleshooting activities in the ART lab. (2002) |
| | Van Dilla, M.et al., Measurement of Mammalian Sperm Deoxyribonucleic acid by Flow Cytometry, The journal of Histochemistry and Cytochemistry Vol.25 Num.7 pp.763-773 (1977) |
| | Vazquez, J.et al., Nonsurgical Uterotubal Insemination in the Mare, Reproduction: Mare Vol.44 (1998) |
| | Vishwanath,R.et al., Storage of bovine semen in liquid and frozen state, Animal Reproduction Science 62: 23 - 53 (2000) |
|  | Washburn, S., Sex-Sorted Semen; Still several steps short of sensational, http://www.cals.ncsu.edu/an_sci/extention/animal/news/april96/april1965.html 3/16/04 |

| | |
|--|--|
| | Welch,G.et al., Sex preselection: Laboratory Validation of the sperm sex ratio of Flow sorted X and Y- sperm by sort reanal ysis for DNA, Theriogenology 52:1343-1352 (1999) |
| | Welch, G.et al., Fluidic and optical modification to a facs IV for flow sorting of X&Y Chromosomes bearing sperm based on DNA, International Society for Analytical Cytology (1994) |
| | Wiltshire, M.et al., A Novel Deep Red/ Low infrared fluorescent flow cytometric probe DRAQ5NO, For the Discrimination of intact nucleated cells in apoptotic cell populations, Cytometry 39: 217-223 (2000) |
| | Woelders, H. et al., Effects of Trehalose and Sucrose, Osmolality oh the freezing medium, and cooling Rate on Viability and intactness of bull sperm after freezing and thawing, Cryobiology 35: 93-105 (1997) |
| | Wolf, D., Lipid domains in sperm plasma membranes, Molecular Membrane Biology 12: 101-104 (1995) |
| | Wolf, D.et al., Changes in sperm plasma membrane lipid diffusibility after hyperactivation during In vitro capacitation in the mouse, The Journal of Cell Biology, Vol.102: 1372-1377(1986) |
| | Wolf, D.et al., Diffusion and regionalization in membranes of maturing ram spermatozoa,The Journal of Cell Biology, Vol.98:1678-1684 (1984) |
| | XY Files, Issue 1 6/1999 |
| | X Y, Inc. , Sex selection Procedure, http://www.xyinc.com/sex select.html , 2/21/03 |
| | XY Files, Issue 4 8/2000 |
| | XY Files, Issue 2 10/1999 |
| | XY Files, Issue 3 3/2000 |
| | XY Files, Issue 5 3/2001 |
| | XY Files, Issue 6 3/2002 |